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20 May 1959

CONFIDENTIAL

MEMORANDUM FOR THE RECORD

SUBJECT: Incendiary, Pocket Time

1. Reports of surveillance firings by the Office of Logistics of Time Pencils with Magnesium Match Heads in March 1959 have been reviewed. In these tests 399 pencils were fired with eleven (11) match heads failing to ignite.

The results are as follows:

<u>Color</u>	<u>No of units</u>	<u>Failure to ignite</u>
Red	79	6
White	80	2
Green	80	3
Yellow	80	0
Blue	80	0
Total	<u>399</u>	<u>11</u>

2. The above is a 2.8% failure. This should be quite acceptable in that a 5% failure was allowed during manufacture. Actually misfires during production were only 0.57 percent, but in a test jig.

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